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23117 7590 09/01/2010

NIXON & VANDERHYE, PC
901 NORTH GLEBE ROAD, 11TH FLOOR
ARLINGTON, VA 22203

EXAMINER

BEYEN, ZEWU A

ART UNIT

PAPER NUMBER

2461

DATE MAILED: 09/01/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/581,320	05/04/2007	Bo Burman	2466-136	3855

TITLE OF INVENTION: METHOD AND APPARATUS FOR ESTABLISHING A COMMUNICATION SESSION BETWEEN TWO TERMINALS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	12/01/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE** OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. **THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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23117 7590 09/01/2010

NIXON & VANDERHYE, PC
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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

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10/581,320	05/04/2007	Bo Burman	2466-136	3855

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nonprovisional	NO	\$1510	\$300	\$0	\$1810	12/01/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS
BEYEN, ZEWDU A	2461	370-252000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____ Date _____
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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.**

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23117	7590	09/01/2010	EXAMINER	
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			ART UNIT	PAPER NUMBER

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Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 99 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 99 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability**Application No.**

10/581,320

Applicant(s)

BURMAN ET AL.

Examiner

ZEWDU BEYEN

Art Unit

2461

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 08/04/2010.
2. ☒ The allowed claim(s) is/are 1-10, 11, 12, 13-16, 34, 31, 18, 19, 21-26, 20, 27-30, and 32; renumbered as 1-10, 12, 11, 13-16, 17, 18, 19, 20, 21-26, 27, 28-31, and 32 respectively.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☒ All b) ☐ Some* c) ☐ None of the:

1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date ____.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.

/ZEWDU BEYEN/
Examiner, Art Unit 2461

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John Lastova on 08/24/2010.

Amendments to the Claims :

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of establishing a requested multimedia communication session over a given physical channel between a calling terminal and a called terminal having differentiated capabilities, comprising:
 - determining common multimedia session parameters to be used by both the calling terminal and the called terminal during the requested multimedia communication session that define how multimedia information should be communicated and interpreted and which depend on multimedia communication capabilities of the calling and called terminals before the requested multimedia communication session can be executed,
 - determining whether any common multimedia session parameters for a previous multimedia communication session between the calling and called terminals have been stored in both the calling and the called terminals in connection with said previous multimedia communication session, by using at least one available session key that has

Art Unit: 2461

been selected for said previous multimedia communication session and stored together with said session parameters for said previous multimedia communication session, and - if said common multimedia session parameters have been stored in both the calling and the called terminals, retrieving the stored common multimedia session parameters in each of the terminals by using said at least one session key in order to execute the requested multimedia communication session based on the retrieved session parameters, wherein the common multimedia session parameters include multiplexing scheme information indicating how plural information streams can be multiplexed in different ways into a single bitstream to be transmitted over a physical channel established between the terminals for the multimedia communication session.

2. (Previously Presented) A method according to claim 1, wherein the available session key or keys includes the telephone number of at least one of the two terminals.

3. (Previously Presented) A method according to claim 2, wherein the calling terminal uses the telephone number of the called terminal as the available session key to detect a match between that telephone number and a stored session key associated with stored session parameters.

4. (Previously Presented) A method according to claim 1, wherein the session keys include a primary session key and a corresponding secondary session key, wherein at least one of the terminals, having detected a match between the primary session key and a

stored session key associated with stored session parameters, retrieves the corresponding secondary session key and sends it to the other terminal.

5. (Previously Presented) A method according to claim 4, wherein the secondary session key is used by the called terminal to retrieve the stored session parameters, even if no primary session key was available to the called terminal or if the called terminal had not detected any match between the primary session key and any stored session key.

6. (Currently Amended) A method according to claim 4, wherein the secondary session key is used to confirm that the stored session parameters have been used for ~~a~~ the previous multimedia communication session between the terminals.

7. (Currently Amended) A method according to claim 4, wherein the primary session key is the telephone number of at least one of the two terminals and the secondary session key is any identification associated with the previous multimedia communication session.

8. (Currently Amended) A method according to claim 7, wherein the secondary session key is a random number generated during a master-slave determination step of a session setup procedure for the previous multimedia communication session, in accordance with the ITU-T H.245 standard.

9. (Previously Presented) A method according to claim 8, wherein the sending terminal uses a Master-Slave Determination (MSD) message containing the random number to convey the secondary session key to the called terminal.

10. (Previously Presented) A method according to claim 9, wherein the MSD message includes an indication that the random number serves as a secondary session key.

11. (Previously Presented) A method according to claim 9, wherein, according to the ITU-T H.324 standard, a Terminal Capability Set (TCS) message is mandated as the very first message to be send in a session setup procedure, wherein the called terminal interprets the random number in the MSD message as a secondary session key, if no TCS message was received before receiving the MSD message.

12. (Currently Amended) A method according to claim 7, wherein the secondary session key is a separately defined code or sequence number assigned for the previous multimedia communication session.

13. (Previously Presented) A method according to claim 1, wherein an INVITE message is mandated as the first message to be sent in a session setup procedure according to the Session Initiation Protocol (SIP), wherein header field information of the INVITE message is used as session key(s).

Art Unit: 2461

14. (Currently Amended) A method according to claim 1, wherein each of the terminals store session parameters used during an executed session, together with at least one session key, in order to enable the use of stored session parameters in a ~~previously presented~~ new session.

15. (Previously Presented) A method according to claim 14, wherein each terminal also sends to the other terminal a message acknowledging its capability of using stored session parameters at a later session.

16. (Currently Amended) A method according to claim 1, wherein the requested multimedia communication session is a multimedia call requiring the transfer of separate media streams for at least audio and video.

17. Canceled.

18. (Currently Amended) A terminal according to claim~~47~~ 31, wherein the terminal is arranged to use the telephone number of the other terminal as available session key to detect a match between that telephone number and a stored session key associated with stored session parameters.

19. (Currently Amended) A terminal according to claim~~47~~ 31, wherein the available session key is a primary session key, and if a match is detected between the primary session key and a stored session key associated with stored session parameters, the

terminal is arranged to retrieve a corresponding secondary session key and send it to the other terminal, such that the secondary session key can be used by the called terminal to retrieve the stored session parameters, even if no primary session key was available to the called terminal, or if the called terminal have not detected any match between an available primary session key and any stored session key.

20. (Currently Amended) A terminal according to claim 47 ~~31~~, wherein the available session key is a primary session key, and the terminal is arranged to receive from the other terminal a corresponding secondary session key, and use it to retrieve the stored session parameters by detecting a match between that secondary session key and a stored session key associated with the stored session parameters.

21. (Currently Amended) A terminal according to claim 19, wherein the terminal is arranged to use the secondary session key to confirm that the stored session parameters have been used for a ~~the~~ previous multimedia communication session between the terminals.

22. (Currently Amended) A terminal according to claim 19, wherein the terminal is arranged to use the telephone number of the other terminal as the primary session key and any identification associated with the previous multimedia communication session as the secondary session key.

23. (Currently Amended) A terminal according to claim 22, wherein the terminal is arranged to use as the secondary session key, a random number generated during a master-slave determination step of a session setup procedure for the previous multimedia communication session, in accordance with the ITU-T H.245 standard.

24. (Previously Presented) A terminal according to claim 23, wherein the terminal is arranged to use a Master-Slave Determination (MSD) message containing the random number, to convey the secondary session key.

25. (Currently Amended) A terminal according to claim 24, wherein the terminal is arranged to include in the MSD message, an indication that the random number serves as a secondary session key.

26. (Currently Amended) A terminal according to claim 22, wherein the terminal is arranged to use as the secondary session key, a separately defined code or sequence number assigned for the previous multimedia communication session.

27. (Currently Amended) A terminal according to claim ~~47~~ 31, wherein an INVITE message is mandated as the first message to be sent in a session setup procedure according to the Session Initiation Protocol (SIP), wherein the terminal is arranged to use header field information of the INVITE message as session key(s).

28. (Currently Amended) A terminal according to claim~~47~~ 31, wherein the terminal is arranged to store session parameters used during an executed session, together with at least one session key, in order to enable the use of stored session parameters in a ~~previously-presented~~ new session.

29. (Previously Presented) A terminal according to claim 28, wherein the terminal is arranged to also send to the other terminal a message acknowledging its capability of using stored session parameters at a later session.

30. (Currently Amended) A terminal according to claim~~47~~ 31, wherein the requested multimedia communication session is a multimedia call requiring the transfer of separate media streams for at least audio and video.

31. (Currently Amended) A terminal configured to establish a requested multimedia communication session with another terminal over a given physical channel, the terminals having differentiated capabilities, the terminal being configured to:
determine common multimedia session parameters to be used by both terminals during the requested multimedia communication session that define how information should be communicated and interpreted and which depend on multimedia communication capabilities of the terminals before the requested multimedia communication session can be executed,
determine whether any common multimedia session parameters for a previous multimedia communication session between the terminals have been stored in the

Art Unit: 2461

terminal in connection with said previous multimedia communication session based on at least one available session key that has been selected for said previous multimedia communication session and stored together with said session parameters for said previous multimedia communication session, and

retrieve the stored common session parameters based on said at least one session key in order to execute the requested multimedia communication session based on the retrieved session parameters, provided that the other terminal also has successfully retrieved the same session parameters,

wherein the common multimedia session parameters include multiplexing scheme information indicating how plural information streams can be multiplexed in different ways into a single bitstream to be transmitted over a physical channel established between the terminals for the multimedia communication session.

32. (Currently Amended) A terminal according to claim 31, wherein the common multimedia session parameters include supported codec information regarding one or more codecs supported by each terminal ~~and multiplexing scheme information indicating how plural information streams can be multiplexed in different ways into a single bitstream to be transmitted over a physical channel established between the terminals for the multimedia communication session.~~

33. Canceled.

34. (Currently Amended) A method according to claim 1, wherein the common multimedia session parameters include supported codec information regarding one or more codecs supported by each terminal ~~and multiplexing scheme information indicating how plural information streams can be multiplexed in different ways into a single bitstream to be transmitted over a physical channel established between the terminals for the multimedia communication session.~~

Claims 17 and 33 have been canceled

Allowable Subject Matter

Claims 1-16, 18-32, and 34 are allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ZEWDU BEYEN whose telephone number is (571)270-7157. The examiner can normally be reached on 9:00am-6:00pm, M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on 571-272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2461

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Z. B./

Examiner, Art Unit 2461

/Huy D Vu/

Supervisory Patent Examiner, Art Unit 2461